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(See inside cover)

CONTROL NO. 7-15235/82

NPIC/IEG (06/82)

3 JUNE 1982

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DISSEMINATION CONTROL ABBREVIATIONS

NOFORN-	Not Releasable to Foreign Nationals
NOCONTRACT-	Not Releasable to Contractors or Contractor/Consultants
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**NEW TACTICAL SAM SYSTEM
EMBA MISSILE TEST CENTER, USSR**

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1. (S/D) SIGNIFICANCE: FIRST IDENTIFICATION OF EMBA-05, A NEW TACTICAL SURFACE TO AIR MISSILE (SAM) SYSTEM AT EMBA MISSILE TEST CENTER.
2. (S/D) REMARKS: A NEW TACTICAL SAM SYSTEM GIVEN THE NPIC INTERIM DESIGNATOR EMBA-05 TRANSPORTER-ERECTOR-LAUNCHER AND RADAR (TELAR) WAS IDENTIFIED AT LAUNCH AREA B OF THE EMBA MISSILE TEST CENTER LAUNCH COMPLEX [REDACTED] THIS NEW SYSTEM IS THE MOBILE VERSION OF AN UNIDENTIFIED PROTOTYPE SAM SYSTEM THAT HAS BEEN MOUNTED ON A PLATFORM AT PAD B-1 SINCE JANUARY 1981 (NPIC IAC 293 [REDACTED]) THE CHASSIS OF THE TELAR IS APPROXIMATELY [REDACTED] THE MISSILE LAUNCHER AND RADAR PORTION OF THE TELAR IS MOUNTED SLIGHTLY OFF CENTER OF THE CHASSIS. IT COULD NOT BE DETERMINED IF THE CHASSIS IS WHEELED OR TRACKED. THE LAUNCHER WAS ROTATED APPROXIMATELY 90 DEGREES TO THE CHASSIS INDICATING THAT THE MISSILE LAUNCHER AND RADAR IS ON A TURNABLE THAT PROBABLY ROTATES 360 DEGREES. THE MISSILE LAUNCHER AND RADAR PORTION OF THE TELAR IS APPROXIMATELY 4.0 METERS BY 2.0 METERS WITH A TRUNCATED PARABOLIC ANTENNA SCREEN HAVING A LONG AXIS DIMENSION OF 2.0 METERS MOUNTED ON THE REAR. THE MISSILE LAUNCHER AND RADAR PORTION OF THE TELAR APPEARS TO BE IDENTICAL TO THE PROTOTYPE SAM SYSTEM THAT WAS MOUNTED ON THE PLATFORM. THIS SUGGESTS THAT MISSILE LAUNCHER AND RADAR COMPONENTS HAVE BEEN SUCCESSFULLY INTEGRATED WITH THE CHASSIS.

(S/D) A NEW CONCRETE HARDSTAND/LAUNCH PAD HAS BEEN UNDER CONSTRUCTION IMMEDIATELY WEST OF THE PAD B-1 CONTROL BUNKER SINCE MID-MAY. IT WILL PROBABLY SUPPORT THE FUTURE TESTING OF THE EMBA-05 SAM SYSTEM.

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(S/D) ANALYST COMMENTS: INITIAL ACTIVITY RELATING TO THE EMBA-05 SAM SYSTEM WAS OBSERVED IN OCTOBER 1978 WHEN EXPANSION OF THE TEST FACILITIES AT PAD B-1 WERE BEGUN. THE PROTOTYPE LAUNCHER AND RADAR FOR THE SYSTEM HAS BEEN UNDERGOING TESTING AT PAD B-1 SINCE JANUARY 1981. THE CHASSIS DIMENSIONS OF THE EMBA-05 TELAR ARE SIMILAR TO THOSE OF THE TRACKED SA-4 SAM SYSTEM. THE EMBA-05 SAM SYSTEM IS ASSESSED TO BE A FOLLOW ON TO THE SA-8 TACTICAL SAM SYSTEM WHICH WAS ALSO TESTED AT PAD B-1. [REDACTED]

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3. (S) [REDACTED] COORDINATES 48-31-02N 058-02-09E

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